

### **REMARKS/ARGUMENTS**

Applicant would like to thank the Examiner for the careful consideration given the present application. The application has been carefully reviewed in light of the Office action.

Applicant thanks the Examiner for granting a telephone interview to applicant's attorney. The interview occurred on February 2, 2010. The participants were Examiner Cazan and attorney Brad Spencer. Claim 1 was discussed during the interview, along with the cited Matsuki reference. The Examiner found the arguments below to be persuasive during the interview.

The Examiner objected to the specification for informalities, which have been corrected by the present amendment.

Claims 1, 2, 5, 6, 8, 10, 11 and 13-16 were rejected under 35 U.S.C. 103(a) as being unpatentable over Matsuki in view of Long. Claim 1 recites, "wherein the superconducting cable has fewer cooling channels for refrigerant than phase conductors." Matsuki teaches a cable with eighteen (18) superconductive cable bodies 16 (see Fig. 1), each with a cooling medium passage 9. Matsuki's cable also has a cooling medium passage in the center 17 and cooling medium passages between adjacent superconductive cable bodies 16 (see page 6, lines 7-9). Matsuki's cable has a total of 43 cooling channels for refrigerant (18 cooling medium passages in the superconductive cable bodies and 25 cooling medium passages between the superconductive cable bodies). Matsuki's 43 cooling channels for refrigerant exceeds the number of phase conductors, which is 18. Therefore, Matsuki does not teach "wherein the superconducting cable has fewer cooling channels for refrigerant than phase conductors." The deficiency of Matsuki is not corrected by the addition of Long.

In view of the differences between the subject matter of claim 1 and the cited references, applicant respectfully requests reconsideration and withdrawal of the rejection. Claims 2, 5, 6, 8, 10, 11, 13, 15 and 16 depend from claim 1. The arguments provided above with respect to claim 1 also apply to claim 14.

In light of the foregoing, it is respectfully submitted that the present application is in condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No. NKTR-34155US1.

Respectfully submitted,  
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